

## REMARKS

The Examiner's attention to the present application is noted with appreciation. Applicant gratefully acknowledges the allowability of claims 29-32 if rewritten to include all of the limitations of the base claim and any intervening claims. However, as discussed below, Applicant submits that all claims are allowable.

The Examiner rejected claims 21-32 under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Claim 21 has been amended in response to such rejection. Applicant notes that the present claim as amended is no broader than the claim as originally filed and searched.

The Examiner rejected claims 21-28 under 35 U.S.C. 103(a) as being unpatentable over Rippere in view of Lee. Such rejection is respectfully traversed, particularly as to the claims as amended. As discussed with the Examiner in a telephone conference on October 23, 2006, in contrast to the Examiner's comments, Rippere does not disclose codeposition of particles with a component of a suspension. Rippere only discloses coating particles; that is, depositing a material *on a particle*. Rippere does not disclose, teach, or suggest co-depositing the particles together with a suspension component *on a substrate*. Thus all claim limitations have not been taught or suggested by the combinations of the cited art, which is required for establishing *prima facie* obviousness per MPEP Section 2143.03.

The Examiner rejected claim 33 under 35 U.S.C. 102(e) as being anticipated by Mayer. Such rejection is respectfully traversed, particularly as to the claim as amended. Mayer discusses prior art which discloses incomplete sidewall coverage of a trench. It does not disclose subsequently co-depositing in the via conducting particles dispersed in an electrodeposit. Support for such amendment may be found in Fig. 3 of the present application as well as the accompanying description on page 11, line 23 through page 12, line 23.

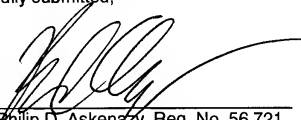
In view of the above amendments and remarks, it is respectfully submitted that all grounds of rejection and objection have been avoided and/or traversed. It is believed that the case is now in condition for allowance and same is respectfully requested.

If any issues remain, or if the Examiner believes that prosecution of this application might be expedited by discussion of the issues, the Examiner is cordially invited to telephone the undersigned attorney for Applicant at the telephone number listed below.

Also being filed herewith is a Petition for Extension of Time to November 6, 2006, which is the first business day after November 5, 2006, and a Supplemental Information Disclosure Statement. Credit card authorization has been given for payment of the appropriate fees. Authorization is given to charge payment of any additional fees required, or credit any overpayment, to Deposit Acct. 13-4213.

Respectfully submitted,

By:

  
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